

## عنوان مقاله:

Analysis and Investigation of hard facing by welding method (SMAW)

## محل انتشار:

سومین کنفرانس بین المللی عملیات حرارتی مواد (سال: 1391)

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## خلاصه مقاله:

Wear phenomenon are observed in many parts and equipments of cement and agriculture industry and etc, Prevention of this matter are important in these companies, So there are some kind of method for surface hardening of parts, one of process is hard facing. In this process hard layers of alloy are added on surface by welding method. In this investigation, hard facing of structural steel ST37 were performed by using rich chromium electrode and rich carbon electrode. The work executed by SMAW welding method. Inspection of microstructure, hardness and wear resistance of samples are carried out. Strength and wear resistance and hardness of sample are increased on surface of samples

## کلمات کلیدی:

Hard facing, Wear resistance, Structural steel, SMAW

## لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/152992>

